

**Work Order:** Montana DNRC 2018-2019 LiDAR Projects

**Submitted by:** Quantum Spatial

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**Reporting period:** December 14<sup>th</sup>, 2019 – December 20<sup>th</sup>, 2019

**Report Date:** December 20<sup>th</sup>, 2019

**Project Summary:**

Acquisition and processing of QL1 and QL2 LiDAR data and deliverables for the 2018-2019 Montana project areas, as well as 3D Building footprints with calculated Lowest Adjacent Grade elevations. The purpose of the resulting dataset is to provide LiDAR and derived products suitable for floodplain mapping and meeting the latest FEMA requirements.

**Summary of work completed during reporting period:**

- On 12/18/2019, the majority of the Deer Lodge County dataset was shipped to both MTDNRC and Michael Baker.
- On 12/19/2019, we received confirmation from Michael Baker that the Clark Fork dataset edits have been accepted and the MIP upload is ongoing for that project area.
- On 12/20/2019, the remainder of the Deer Lodge County dataset shipped out to both MTDNRC and Michael Baker.
- The Powell County dataset continues to be worked on in the LiDAR Processing phase.
- The Milk River Building Footprints work will follow right behind Powell County in production.

**Outstanding issues and concerns:**

Tasks	Percent Complete	Due	Finish
LiDAR Data Acquisition and Ground Survey [50%]	100%	rolling	
LiDAR Data Processing [50%]	85%	rolling	
Weekly Reports	n/a	Ongoing	

**Activities Planned Next Week:**

- Continue data processing of Powell County LiDAR dataset.
- Quantum Spatial wishes everyone happy holidays!
  - Our offices are closed on Tuesday, 12/24, and Wednesday, 12/25.

**Upcoming Delivery Dates:**

- Milk River Building Footprints – Due 3/16/2019
- Powell County – Due 4/15/2020